

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CM

00

V

REVISED PER ECR-20-000721

04MAR2020

PC

SW

D

C

B

A

YES

71.12[2.800]

28

5-641238-8

YES

68.58[2.700]

27

5-641238-7

YES

66.04[2.600]

26

5-641238-6

YES

63.50[2.500]

25

5-641238-5

YES

60.96[2.400]

24

5-641238-4

YES

58.42[2.300]

23

5-641238-3

YES

55.88[2.200]

22

5-641238-2

YES

53.34[2.100]

21

5-641238-1

YES

50.80[2.000]

20

5-641238-0

YES

48.26[1.900]

19

4-641238-9

YES

45.72[1.800]

18

4-641238-8

YES

43.18[1.700]

17

4-641238-7

YES

40.64[1.600]

16

4-641238-6

YES

38.10[1.500]

15

4-641238-5

YES

35.56[1.400]

14

4-641238-4

YES

33.02[1.300]

13

4-641238-3

YES

30.48[1.200]

12

4-641238-2

YES

27.94[1.100]

11

4-641238-1

YES

25.40[1.000]

10

4-641238-0

YES

22.86[.900]

9

3-641238-9

YES

20.32[.800]

8

3-641238-8

YES

17.78[.700]

7

3-641238-7

YES

15.24[.600]

6

3-641238-6

YES

12.70[.500]

5

3-641238-5

YES

10.16[.400]

4

3-641238-4

YES

7.62[.300]

3

3-641238-3

YES

5.08[.200]

2

3-641238-2

NO

71.12[2.800]

28

2-641238-8

SUPERSEDED BY 5-641238-8

NO

68.58[2.700]

27

2-641238-7

SUPERSEDED BY 5-641238-7

NO

66.04[2.600]

26

2-641238-6

SUPERSEDED BY 5-641238-6

NO

63.50[2.500]

25

2-641238-5

SUPERSEDED BY 5-641238-5

NO

60.96[2.400]

24

2-641238-4

SUPERSEDED BY 5-641238-4

NO

58.42[2.300]

23

2-641238-3

SUPERSEDED BY 5-641238-3

NO

55.88[2.200]

22

2-641238-2

SUPERSEDED BY 5-641238-2

NO

53.34[2.100]

21

2-641238-1

SUPERSEDED BY 5-641238-1

NO

50.80[2.000]

20

2-641238-0

SUPERSEDED BY 5-641238-0

NO

48.26[1.900]

19

1-641238-9

SUPERSEDED BY 4-641238-9

NO

45.72[1.800]

18

1-641238-8

SUPERSEDED BY 4-641238-8

NO

43.18[1.700]

17

1-641238-7

SUPERSEDED BY 4-641238-7

NO

40.64[1.600]

16

1-641238-6

SUPERSEDED BY 4-641238-6

NO

38.10[1.500]

15

1-641238-5

SUPERSEDED BY 4-641238-5

NO

35.56[1.400]

14

1-641238-4

8

NO

33.02[1.300]

13

1-641238-3

SUPERSEDED BY 4-641238-3

NO

30.48[1.200]

12

1-641238-2

8

NO

27.94[1.100]

11

1-641238-1

8

NO

25.40[1.000]

10

1-641238-0

8

NO

22.86[.900]

9

-641238-9

8

NO

20.32[.800]

8

-641238-8

8

NO

17.78[.700]

7

-641238-7

8

NO

15.24[.600]

6

-641238-6

8

NO

12.70[.500]

5

-641238-5

8

NO

10.16[.400]

4

-641238-4

8

NO

7.62[.300]

3

-641238-3

8

NO

5.08[.200]

2

-641238-2

8

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

4

AMP

1

2

3

6.99
[.275]

6.22
[.245]

6.99
[.275]

1.91
[.075]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

13.21
[.520]

A

+0.38
-0.25

A

+0.015
-0.010

2.54
[.100]
TYP

1

MATERIAL: CONNECTOR - NYLON UL94V-2 (WHITE).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
0.00076 [0.00030] GOLD) OR 0.00076[.000030]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT
AREA WITH MATTE TIN FOR 641238-2
THRU 2-641238-8,MATTE WHISKER MITIGATED TIN
FOR 3-641238-2 THRU 5-641238-8 OVER
NICKEL UNDERPLATE.

2.

CONTACTS ACCEPT 24 AWG WIRE WITH 1.52[.060] MAX INSULATION
DIAMETER.

3.

CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN
POSITION.

4

IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

5.

DIMENSIONS IN BRACKETS ARE IN INCHES.

6.

HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP.

7

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

8

OBSOLETE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ± 0.13 [.005]
4 PLC ±
ANGLES ±
FINISH 1

1

DWN
S. CARPENTER
07AUG2003

CHK
D. BOSSI
07AUG2003

APVD
D. BOSSI
07AUG2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

TE Connectivity

NAME
MTA-100 CONNECTOR ASSEMBLY,
24 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
641238

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
5:1

SHEET
1 of 1

REV
V

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-641238-2](#)